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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/072,540

DATE: 03/01/2002

TIME: 10:43:10

Input Set : A:\X-11368.ST25.txt

Output Set: N:\CRF3\03012002\J072540.raw

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3 <110> APPLICANT: Hoffmann, James
5 <120> TITLE OF INVENTION: GLP-1 FORMULATIONS
7 <130> FILE REFERENCE: X-11368
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/072,540
C--> 10 <141> CURRENT FILING DATE: 2002-02-08
12 <150> PRIOR APPLICATION NUMBER: US 60/067,600
13 <151> PRIOR FILING DATE: 1997-12-05
15 <160> NUMBER OF SEQ ID NOS: 5
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 31
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
26 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
27 1 5 10 15
30 Glu Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
31 20 25 30
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 30
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: synthetic construct
42 <220> FEATURE:
43 <221> NAME/KEY: MISC_FEATURE
44 <222> LOCATION: (1)..(1)
45 <223> OTHER INFORMATION: Xaa at position 1 is Ala, Gly, Val, Thr, and Ile;
48 <220> FEATURE:
49 <221> NAME/KEY: MISC_FEATURE
50 <222> LOCATION: (14)..(14)
51 <223> OTHER INFORMATION: Xaa at position 14 is Glu, Gln, Ala, Thr, Ser, and Gly;
54 <220> FEATURE:
55 <221> NAME/KEY: MISC_FEATURE
56 <222> LOCATION: (20)..(20)
57 <223> OTHER INFORMATION: Xaa at position 20 is Glu, Gln, Ala, Thr, Ser, and Gly;
60 <220> FEATURE:
61 <221> NAME/KEY: MISC_FEATURE
62 <222> LOCATION: (30)..(30)
63 <223> OTHER INFORMATION: Xaa at position 30 is Gly or absent.
66 <400> SEQUENCE: 2
W--> 68 Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly Gln
69 1 5 10 15

```

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W--> 72 Ala Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
      73          20          25          30
      76 <210> SEQ ID NO: 3
      77 <211> LENGTH: 30
      78 <212> TYPE: PRT
      79 <213> ORGANISM: Artificial Sequence
      81 <220> FEATURE:
      82 <223> OTHER INFORMATION: synthetic construct
      84 <220> FEATURE:
      85 <221> NAME/KEY: MISC_FEATURE
      86 <222> LOCATION: (19)..(19)
      87 <223> OTHER INFORMATION: Xaa at position 19 is Lys or Arg;
      90 <220> FEATURE:
      91 <221> NAME/KEY: MISC_FEATURE
      92 <222> LOCATION: (27)..(27)
      93 <223> OTHER INFORMATION: Lys at position 27 may be acylated;
      96 <220> FEATURE:
      97 <221> NAME/KEY: MISC_FEATURE
      98 <222> LOCATION: (30)..(30)
      99 <223> OTHER INFORMATION: Xaa at position 30 is Gly or absent.
     102 <400> SEQUENCE: 3
     104 Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln
     105 1          5          10          15
W--> 108 Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
      109          20          25          30
      112 <210> SEQ ID NO: 4
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      114 <212> TYPE: PRT
      115 <213> ORGANISM: Homo sapiens
      117 <220> FEATURE:
      118 <221> NAME/KEY: MOD_RES
      119 <222> LOCATION: (30)..(30)
      120 <223> OTHER INFORMATION: AMIDATION
      123 <400> SEQUENCE: 4
      125 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
      126 1          5          10          15
      129 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
      130          20          25          30
      133 <210> SEQ ID NO: 5
      134 <211> LENGTH: 31
      135 <212> TYPE: PRT
      136 <213> ORGANISM: Artificial Sequence
      138 <220> FEATURE:
      139 <223> OTHER INFORMATION: synthetic construct
      141 <400> SEQUENCE: 5
      143 His Val Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
      144 1          5          10          15
      147 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
      148          20          25          30

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/072,540

DATE: 03/01/2002

TIME: 10:43:11

Input Set : A:\X-11368.ST25.txt

Output Set: N:\CRF3\03012002\J072540.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

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